



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

INDIANA, Southeast

INZ058

Fayette

01 0000EST

0

0

Flood

02 1600EST

The Whitewater river at Alpine rose above the flood stage of 12.0 feet on May 31st. The river crested at 16.7 feet.

Wayne County

Countywide

01 0300EST

0

0

5K

Flood

1000EST

Heavy rainfall caused area creeks and streams to overflow their banks and onto area roads. One family was evacuated.

Fayette County

Countywide

01 0400EST

0

0

5K

Flood

1200EST

Heavy rainfall caused area creeks and streams to rise out of their banks and across area roads.

Wayne County

Countywide

01 1145EST

0

0

5K

Flood

1330EST

Heavy rainfall moved into the county again causing creeks and streams to continue rising.

Union County

Countywide

01 1300EST

0

0

5K

Flood

1430EST

Heavy rainfall caused several roads to be closed as area creeks and streams rose.

An upper level cut off low pressure system lingered across the Ohio valley from May 31st through June 2nd. Widespread heavy rainfall occurred from the 31st-1st with amounts ranging from 2-4 inches.

Ohio County

Rising Sun

18 0820EST

0

0

5K

Flood

1000EST

Heavy rainfall caused Rt. 56 to flood to the north of Rising Sun.

KENTUCKY, Northern

Boone County

Countywide

01 0000EST

0

0

25K

Flood

0400EST

Heavy rainfall caused creeks and streams to rise out of their banks. Numerous roads and a bridge were flooded.

Campbell County

Countywide

01 0000EST

0

0

10K

Flood

0300EST

Persistent heavy rainfall caused many roads and creeks to be flooded.

Mason County

Countywide

01 0000EST

0

0

25K

Flash Flood

0300EST

Persistent heavy rainfall caused creeks and streams to rise out of their banks. Several cars were washed away in Maysville.

Gallatin County

Countywide

01 1100EST

0

0

5K

Flood

1230EST

Numerous roads flooded.

Owen County

Countywide

01 1100EST

0

0

5K

Flood

1230EST

Numerous roads flooded.

Bracken County

Bradford

02 1645EST

0

0

3K

Thunderstorm Wind

Trees downed across Rt 8.

Lewis County

Vanceburg

02 2000EST

0

0

5K

Flood

2100EST

Roads flooded.

An upper level cut-off low pressure lingered across the Ohio valley from May 31st through the June 2nd. Much of northern



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

KENTUCKY, Northern

Kentucky received 2-4 inches of rain on the 31st and 1st in widespread rain. Scattered thunderstorms with very heavy rainfall developed on the 2nd.

Kenton County Independence

16	1800EST 2000EST				0	0	50K		Flood
----	--------------------	--	--	--	---	---	-----	--	-------

Persistent heavy rainfall caused Banklick Creek to overflow its banks. Pioneer Park was under 3-4 feet of water and 10 homes were evacuated.

Boone County Countywide

18	0845EST 1000EST				0	0	5K		Flood
----	--------------------	--	--	--	---	---	----	--	-------

Heavy rainfall caused numerous roads to be closed across the county.

Kenton County Ft Mitchell

18	1000EST 1100EST				0	0	5K		Flood
----	--------------------	--	--	--	---	---	----	--	-------

Numerous roads closed due to heavy rainfall.

Grant County Countywide

18	1440EST 1545EST				0	0	5K		Flood
----	--------------------	--	--	--	---	---	----	--	-------

Area creeks and streams including Eagle Creek rose out of their banks and flooded some roads mainly over the northern part of the county.

Lewis County Trinity

19	1930EST 2025EST				0	0	10K		Flood
----	--------------------	--	--	--	---	---	-----	--	-------

An isolated thunderstorm dropped an estimated 4 inches of rain causing several roads to be washed out.

OHIO, Southwest

Adams County Countywide

01	0000EST 0300EST				0	0	5K		Flood
----	--------------------	--	--	--	---	---	----	--	-------

Heavy rainfall continued from late on May 31st causing many roads to be flooded.

Brown County Countywide

01	0000EST 0300EST				0	0	5K		Flood
----	--------------------	--	--	--	---	---	----	--	-------

Heavy rainfall continued from late on May 31st causing many roads to be flooded from area creeks and streams.

Clermont County Countywide

01	0000EST 0700EST				0	0	10K		Flood
----	--------------------	--	--	--	---	---	-----	--	-------

Roads were flooded by persistent heavy rainfall. One person was trapped in a car in Miami Township.

Highland County Countywide

01	0000EST 0300EST				0	0	5K		Flood
----	--------------------	--	--	--	---	---	----	--	-------

Heavy rainfall continued from late on May 31st causing area creeks and streams to flood mainly in the western parts of the county.

Warren County Countywide

01	0200EST 1000EST				0	0	10K		Flood
----	--------------------	--	--	--	---	---	-----	--	-------

Numerous roads closed due to high water.

Butler County Countywide

01	0330EST 1000EST				0	0	450K		Flood
----	--------------------	--	--	--	---	---	------	--	-------

Many county roads were flooded by persistent heavy rainfall. The New London Road bridge was washed out.

Hamilton County Countywide

01	0330EST 0700EST				0	0	10K		Flood
----	--------------------	--	--	--	---	---	-----	--	-------

Several roads closed due to flooding.

Putnam County Countywide

01	1100EST 1330EST				0	0	5K		Flood
----	--------------------	--	--	--	---	---	----	--	-------

Several roads flooded due to persistent heavy rainfall.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1997

June 1997									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Property	Estimated Damage Crops	Character of Storm
<u>OHIO, Southwest</u>									
Auglaize County									
Countywide	01	1230EST 1330EST			0	0	5K		Flood
Several roads were flooded due to heavy rainfall.									
Mercer County									
Countywide	01	1230EST 1330EST			0	0	5K		Flood
Numerous roads flooded due to heavy rainfall.									
Clark County									
Countywide	01	1700EST 1900EST			0	0	10K		Flood
Thunderstorms with extremely heavy rainfall fell on already saturated ground causing water to flood across many county roads.									
Franklin County									
Countywide	01	1900EST 2200EST			0	0	20K		Flood
Thunderstorms with very heavy rainfall fell on an already saturated ground. Numerous roads were closed.									
Champaign County									
Countywide	01	1930EST 2030EST			0	0	75K		Flood
Thunderstorms with very heavy rainfall fell on already saturated ground causing water to overflow from ditches, sewers, and creeks. Roads were flooded across the county, but the hardest hit area was in the eastern part of the county. In North Lewisburg, 40 people were evacuated from an apartment complex and some roads were washed out. Overall, in less than 24 hours, nearly 5 inches of rain fell on parts of the county.									
Madison County									
Countywide	01	1945EST 2200EST			0	0	100K		Flash Flood
Thunderstorms trained across the same areas with the northern part of the county being hit the hardest. Many area creeks and streams rose out of their banks and numerous roads were closed due to flooding.									
Logan County									
Countywide	01	1955EST 2200EST			0	0	5K		Flood
Numerous roads closed due to torrential rains from thunderstorms.									
Union County									
Countywide	01	2000EST 2215EST			0	0	3M		Flash Flood
Thunderstorms moved repeatedly over the same areas causing most creeks and streams to overflow their banks and flood county roads. Several residents were evacuated as up to 7.5 inches of rain fell in less than 24 hours.									
Delaware County									
Countywide	01	2100EST 2230EST			0	0	100K		Flash Flood
From 4-7 inches of rain fell from late on May 31st until the night of June 1st, with flooding occurring as thunderstorms trained across the county during the evening. Numerous roads were flooded especially in the southern half of the county.									
Licking County									
Buckeye Lake	02	1750EST 1900EST			0	0	5K		Flood
Numerous roads flooded due to heavy rainfall moving over already saturated ground.									
Franklin County									
Countywide	02	1800EST 2000EST			0	0	10K		Flood
Thunderstorm rains brought area creeks and streams out of their banks.									
Scioto County									
Countywide	02	1800EST 2030EST			0	0	50K		Flash Flood
Thunderstorms with torrential rainfall caused area creeks and streams to flood county roads. One family was evacuated due to high water, and several vehicles were swept away in Minford.									
Fairfield County									
Countywide	02	1830EST 2000EST			0	0	5K		Flood
Heavy rainfall from thunderstorms which fell on already saturated ground caused county roads to be flooded.									



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

OHIO, Southwest

Pike County

Countywide

**02 1930EST
2030EST 0 0 5K Flood**

Heavy thunderstorm rains flooded county roads, with the northern part of the county being affected the most.

Madison County

Countywide

**02 1945EST
2200EST 0 0 100K Flood**

Heavy rainfall fell for the third day in a row causing most county creeks and streams to rise further out of their banks. Numerous roads were closed due to the flooding.

Adams County

Countywide

**02 2000EST
2100EST 0 0 10K Flood**

Heavy rainfall from thunderstorms which fell on already saturated ground caused county creeks and streams to rise out of their banks.

Clark County

South Vienna

**02 2000EST
2200EST 0 0 5K Flood**

Numerous roads flooded from torrential thunderstorm rains.

Franklin County

Countywide

**02 2050EST
2300EST 0 0 10K Flood**

All rainfall had stopped by this time in Franklin county, but area creeks and streams in the western part of the county continued to rise from very heavy rainfall that was still occurring in Madison county and then flowing into Franklin county.

A cut-off low pressure in the upper levels of the atmosphere remained across the Ohio valley from late on May 31st through June 2nd. Heavy showers fell across Southern and Central Ohio from the 31st through the morning hours of the 1st. In the afternoon of both the 1st and 2nd, additional heavy rainfall occurred with afternoon thunderstorm development mainly over Central and South-Central parts of the state. A few areas around Columbus received nearly 10 inches of rain over the 3 day period.

**OHZ016-053-055-064-071- Putnam - Clark - Franklin - Pickaway - Warren - Ross - Hamilton - Clermont - Adams - Pike
073-077>078-081>082**

**01 0100EST
06 2100EST 0 0 1M Flood**

A closed upper low pressure system remained across the Ohio valley from late on May 31st until June 2nd and dropped very heavy rainfall across central and southern Ohio. Several rivers rose out of their banks as a result of the heavy rainfall. The Scioto River flooded from Columbus to the Ohio river. At Frank Road in Columbus, the river crested at 24.19 feet around noon est on the 2nd. At Circleville, the river crested at 20.91 feet around 1100 am est on the 4th. Flood stage is 14.0 feet. At Chillicothe, the river crested at 16.25 feet around midnight est on the 5th. Flood stage is 16.0 feet. At Piketon, the river crested at 21.0 feet around 500 am est on the 6th.

The Little Miami river also rose out of its banks. At Kings Mills, the river crested at 20.0 feet around 700 am est on the 1st. Flood stage is 17.0 feet. At Milford, the river crested at 19.33 feet around 500 am est on the 1st. Flood stage is 17.0 feet.

The Great Miami river rose out of its banks at Miamitown. The river crested at 20.25 feet around 600 pm est on the 1st. Flood stage is 16.0 feet.

The Ohio Brush Creek also rose out of its banks at West Union. The creek crested at 16.5 feet around 0600 am est on the 1st. Flood stage is 15.0 feet.

The Blanchard river at Ottawa rose out of its banks at Ottawa. The river crested at 28.4 feet around 200 am est on the 2nd. Flood stage is 23.0 feet.

The Mad River at Springfield reached a crest of 12.0 feet around 900 pm est on the 1st. Flood stage is 11.0 feet.

The Big Darby Creek rose to an estimated 15.6 feet causing extensive flooding in Franklin and Pickaway counties. Flood stage is estimated to be 10.0 feet.

Hamilton County

Countywide

**08 2330EST
09 0400EST 0 0 20K Flood**

Heavy rainfall trained across Hamilton county for several hours causing water to flood numerous roads. Interstate 75 was closed for a while just north of the Cincinnati city limits.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>OHIO, Southwest</u>									
Hamilton County									
Covedale	16	1630EST			0	0	20K		Lightning
									Lightning hit a house which started a fire causing significant damage.
Hamilton County									
Countywide	16	1800EST 1930EST			0	0	10K		Flood
									Heavy rainfall caused numerous roads to be flooded, mainly in Anderson Township.
Clermont County									
Batavia	16	1825EST 1945EST			0	0	10K		Flood
									Persistent heavy rainfall caused roads to be flooded. Several cars became submerged in the water.
Franklin County									
Countywide	16	1830EST 2000EST			0	0	5K		Flood
									Heavy rainfall flooded some roads and underpasses.
Delaware County									
Countywide	16	1900EST 2000EST			0	0	5K		Flood
									Heavy rainfall for several hours caused many roads to be flooded across the county.
Hamilton County									
Cincinnati	18	0850EST 1000EST			0	0	5K		Flood
									Numerous roads flooded due to persistent heavy rainfall.
Warren County									
Mason to Morrow	18	0930EST 1030EST			0	0	5K		Flood
									Persistent heavy rainfall caused creeks to overflow their banks along Mason-Morrow road.
Clermont County									
Countywide	18	1000EST 1145EST			0	0	5K		Flood
									Several roads were flooded from heavy rainfall.
Fairfield County									
Pickerington	18	1130EST 1215EST			0	0	5K		Flood
									Several roads closed due to heavy rainfall.
Licking County									
Countywide	18	1200EST 1345EST			0	0	5K		Flood
									Heavy rainfall caused area creeks and streams to overflow their banks and flood roads.
Licking County									
Newark	18	1200EST			0	0	20K		Lightning
									Lightning struck a house which caused a fire that damaged the shed and a storage room.
Adams County									
Manchester	19	1800EST 1900EST			0	0	10K		Flood
									An isolated thunderstorm dropped an estimated 4 inches of rain in 2 hours causing water to flood across roads and a culvert to be washed out.
Van Wert County									
Van Wert	21	1844EST 1845EST			0	0			Thunderstorm Wind (G57)
									An observer measured a thunderstorm wind gust of 67 mph.
Putnam County									
Ottawa	21	1910EST 1915EST			0	0	5K		Thunderstorm Wind (G50)
									Numerous large limbs downed.
Allen County									
Countywide	21	2030EST 2040EST			0	0	10K		Thunderstorm Wind (G50)



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

OHIO, Southwest

Numerous trees downed									
Auglaize County									
Wapakoneta to New Bremen	21	2030EST 2040EST			0	0	10K		Thunderstorm Wind (G50)
Numerous trees and power lines downed.									
Hardin County									
Ada	21	2045EST 2050EST			0	0	5K		Thunderstorm Wind (G50)
Several large tree limbs downed.									
Paulding County									
Countywide	25	1745EST 1800EST			0	0	10K		Thunderstorm Wind (G50)
Numerous trees downed.									
Putnam County									
Columbus Grove	25	1830EST			0	0			Thunderstorm Wind (G54)
An observer measured a gust to 64 mph.									
Fayette County									
Pancoastburg	30	1930EST 2015EST			0	0	5K		Flood
Persistent heavy rainfall caused water to flood across Rt. 207.									
Van Wert County									
5 E Middle Pt to Middle Pt	30	2045EST 2115EST			0	0	5K		Flood
Up to 4.5 inches of rain caused water to flood across numerous roads.									